SUBJECT INDEX

Air monitoring, p. 123
ASTM E-906 heat and visible smoke release test, p. 63

Ball bearing dropper, p. 39
Blowing agent flammability, p. 143
Blowing agents, pp. 258, 287, 324

California Technical Bulletin, pp. 133, 512
Calorimeter, heat of release, p. 63
Carpet underlayment foam, p. 19
CFC free MDI foam, p. 389
Chlorofluorocarbons, p. 258
Combustibility performance, p. 183
Combustion modified foam, p. 512
Constant deflection apparatus, p. 19
Cross-link density, p. 183

Destroyed surface layer, p. 275
Diffusion coefficients, p. 275
Direct reading monitor, p. 123
Dynamic fatigue, p. 19

Elastomeric, pp. 287, 324
Endothermic chemical foaming agents, p. 332
Environmentally acceptable blowing agents, p. 143
Evacuated-closed-cell foams, p. 118
Exothermic chemical foaming agents, p. 332
Expandable foam bead resins, p. 423

Fire resistance of flexible foam, p. 63
Flamespread rating, p. 183
Flammability testing, p. 512
Flex durability test, p. 436
Flexible foams, pp. 39, 258, 346, 490
Flexible polyurethane foam, p. 85
Foam, pp. 258, 287, 324
Foam ageing, p. 143
Foam density, p. 436
Foam kinetics, p. 490
Foam stereology, p. 512
Foamed crystalline resins, p. 411
Foamed extrusion processes, p. 332
Foamed plastics, p. 332
Foaming agents, p. 332
Footwear, p. 475
FTIR spectroscopy, p. 490

Gas-filled cellular plastics, p. 275
Gel/rise profile, p. 39

Hard segment formation, p. 470
HCFC alternatives, p. 389
Heat of foaming, p. 490
High flow effects, p. 411
High performance, p. 258
High performance elastomers, p. 475
High resilience, p. 258
High resiliency polyurethane, p. 389
H. R. molded foams, p. 346
Hydrogen bonding, p. 346
Hydrolytic stability, p. 143
Hydroxy number, p. 183

Industrial hygiene, p. 123
Infrared, p. 346
Instantaneous load loss, p. 436
Ion mobility spectrometry, p. 123
Isocyanate index, p. 85

k-factor, p. 512
Kinetics, p. 346

Large structural plastic components, p. 423
Leak detection, p. 123

MDI flexible foam, p. 512
Melt point effects, p. 411

(continued)

Subject Index continued
Methylene chloride, p. 258
Montreal protocol, p. 524
Morphology, p. 346
MTS fatigue, p. 19

Normalized foam hardness, p. 389

OSU heat release test, p. 63
Ordered polymer effects, p. 411

Physical foaming agents, p. 332
Polyol effect on properties, p. 436
Polyoxyethylene/polyoxypropylene block copolymers, p. 172
Polyurethane, pp. 258, 287, 324
Polyurethane foams, pp. 39, 183
Polyurethane-urea foam, p. 48
Porosity of flexible foam, p. 172
PPO/PS resin, p. 423
PROTEUS mold filling simulation, p. 312

Radiant panel data, p. 512
Rigid, p. 324
Rigid foam, p. 524
RIM, pp. 287, 324
RIM structural composites, p. 161
RIM/S-RI molds, p. 312
Roller caster apparatus, p. 19

Scaling factors, p. 275
Secondary amines, p. 48
Self-expanding cellular plastics, p. 118
Silicone surfactant systems, p. 172
Silicone surfactants, p. 512
Slabstock, p. 258
Slip resistance of PU elastomers, p. 475
Structural foam molding, p. 332

TDI/MDI blends, p. 389
Tertiary amine catalyst, p. 389
Thermal resistivity, p. 275
Toluene diisocyanate (TDI), p. 123

Ultracel, p. 258
UNILINK 4200, p. 48
Urethane foams, p. 346

Water blown system, p. 389

AUTHOR INDEX

Andrechak, J. A., p. 85
Arai, S., p. 389
Artavia, L. D., p. 490
Baskent, F. O., p. 19
Baumann, W. M., p. 48
Beal, G. E., p. 63
Bityk, D. A., p. 161
Bomberg, M., p. 275
Brokenshire, J. L., p. 123
Burchell, D. J., p. 19
Cavender, K. D., p. 436
Chunpu, Hu, p. 39
Clatty, J. L. R., pp. 304, 324
Coyne, L. B., p. 123
Davis, B. L., p. 346
Dening, Wang, p. 39
Dharmarajan, V., p. 123
Fenton, William N., p. 172
Frisch, K. C., p. 48
Gattuso, M. J., p. 48
Hager, S. L., p. 258
Harasin, S. J., p. 304
Harthcock, M. A., p. 346
Hilger, H., p. 312
House, D. X., p. 48
Jasenek, J. R., p. 512
Jewett, Douglas M., p. 118
Jianqiu, Yu, p. 39
Jianyuan, Zhang, p. 39
Jin, Si, p. 39
Keller, J., p. 123
Kilgour, J. A., p. 258
Klempner, D., p. 48
Kosin, John A., p. 332
Landon, S. J., p. 524
Lawler, L. F., p. 258
Lin, N. W., p. 475
Lombardo, J. L., p. 524
Lowe, D. W., p. 389
Lund, E. A. E., p. 143

Lunney, S. R., p. 524
Macosko, C. W., p. 490
Madaj, E. J., p. 512
Martynowicz, Lynn M., p. 423
McClusky, J. V., p. 346
Michaeli, W., p. 312
Nicola, W. J., p. 183
Okuzono, S., p. 389
O'Neill, R. E., p. 346
Owen, Michael J., p. 172
Parrish, D. B., pp. 63, 85
Petrella, R. V., p. 63
Priester, R. D., Jr., p. 346
Reichmann, W. W., p. 183
Reitz, J. A. III, p. 161
Richard, R. G., p. 143
Schiffauer, R., p. 258
Scott, J. F., p. 19
Scott, R. V., p. 48
Shah, S., p. 48
Shankland, I. R., p. 143
Shengkang, Ying, p. 39
Snow, Steven A., p. 172
Stevens, B. N., p. 19
Stilling, H., p. 475
Sullivan, D. A., p. 258
Szabat, J. F., p. 524
Televantos, Y., p. 258
Tice, Christopher L., pp. 411, 332
Turner, R. B., p. 346
Xiao, H. X., p. 48
Yin, Wang, p. 39
Yiou, Chen, p. 39
Yoshimura, H., p. 389
Yufu, Cai, p. 39
Ziqian, Xu, p. 39